

SPE RESPONSE FOR CERTIFICATE OF CORRECTION

DATE : 6/24/08

Paper No.: _____

TO SPE OF : ART UNIT 1647

SUBJECT : Request for Certificate of Correction on Patent No.: 7329728

A response is requested with respect to the accompanying request for a certificate of correction.

Please complete this form and return with file, within 7 days to:

Palm location 7580, Certificates of Correction Branch – South Tower – 9A22

If response is for an IFW, return to employee (named below) via PUBSCofC Team in MADRAS.

With respect to the change(s) requested, correcting Office and/or Applicant's errors, should the patent read as shown in the certificate of correction (COCIN)? No new matter should be introduced, nor should the scope or meaning of the claims be changed.

Valerie Jackson

Thank You For Your Assistance

Certificates of Correction Branch
Tel. No. 703-308-9390 ext. 114

The request for issuing the above-identified correction(s) is hereby:

Note your decision on the appropriate box.

☐ Approved

All changes apply.

☒ Approved In Part

Specify below which changes do not apply. _____

☐ Denied

State the reasons for denial below.

Comments:

Please see the attached list with comments
for not entering



SPE

1647

Art Unit



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Barbas III *et al.*
 Patent No. : 7,329,728
 Issue Date : February 12, 2008
 Serial No. : 09/586,625
 Filed : June 2, 2000
 Title : LIGAND ACTIVATED TRANSCRIPTIONAL REGULATOR PROTEINS

Art Unit : 1652
 Examiner : Lorraine Spector
 Conf. No. : 6568
 Cust. No. : 77202

Attn.: Certificate of Corrections Branch
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

Dear Sir:

Pursuant to 37 C.F.R. § 1.322, the patentee respectfully requests that a Certificate of Correction be issued for the above referenced patent to correct the following errors:

IN THE TITLE PAGES:

In Item (56) References Cited, in U.S. PATENT DOCUMENTS:

- please add the following reference: —2003/0186841 10/2003 Barbas III *et al.*—
- please add the following reference: —2004/0224385 4/2005 Barbas *et al.*—
- please add the following reference: —2005/0084885 4/2005 Barbas III *et al.*—
- please add the following reference: —2005/0148075 7/2005 Barbas, C.F.—
- please add the following reference: —6,790,941 9/2004 Barbas III *et al.*—

In Item (56) References Cited, in FOREIGN PATENT DOCUMENTS:

- please add the following reference: —WO 1/52620 07/2001—
- please add the following reference: —WO 2/06463 01/2002—
- please add the following reference: —WO 2002/097050 12/2002—

In Item (56) References Cited, in OTHER PUBLICATIONS:

CERTIFICATE OF MAILING BY "EXPRESS MAIL"
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 Date of Deposit May 02, 2008
 I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

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 Patent Publication

Jon Levy

MAY 8 2008

05/05/2008 CCHAU1 00000067 021818 7329728
 01 FC:1811 100.00 DA

Applicant : Barbas et al.
Patent No. : 7,329,728
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Serial No. : 09/586,625
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Attorney's Docket No.: 119362-00002/1227B
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please add the following reference: — Alwin et al., "Custom zinc-finger nucleases for use in human cells," Mol. Ther. 12(4): 610-617 (2005)—.

please add the following reference: — Blancafort et al., "Designing transcription factor architectures for drug discovery," Mol. Pharmacol. 66(6): 1361-71 (2004)—.

please add the following reference: — Blancafort et al., "Genetic reprogramming of tumor cells by zinc finger transcription factors," Proc. Natl. Acad. Sci. USA 102(33): 11716-21 (2005)—.

please add the following reference: — Blancafort et al., "Scanning the human genome with combinatorial transcription factor libraries," Nature Biotechnol. 31(3): 269-274 (2003)—.

Do not enter
please add the following reference: — Blau et al., "γ-globin gene expression in CID-dependent multi-potential cells established from beta-YAC transgenic mice," J. Biol. Chem. August 30, 2005—. NO volume number & page numbers

please add the following reference: — Dreier et al., "Development of zinc finger domains for recognition of the 5'-ANN-3' family of DNA sequences and their use in the construction of artificial transcription factors," J. Biol. Chem. 276(31): 29466-78 (2001)—.

please add the following reference: — Dreier et al., "Development of zinc finger domains for recognition of the 5'-CNN-3' family DNA sequences and their use in the construction of artificial transcription factors," J. Biol. Chem. 280(42):35588-35597 (2005)—.

please add the following reference: — Graslund et al., "Exploring strategies for the design of artificial transcription factors: targeting sites proximal to known regulatory regions for the induction of γ-globin expression and the treatment of sickle cell disease," J. Biol. Chem. 280(5): 3707-14 (2005)—.

please add the following reference: — Guan et al., "Heritable endogenous gene regulation in plants with designed polydactyl zinc finger transcription factors," Proc. Natl. Acad. Sci. USA 99(20): 13296-301 (2002)—.

please add the following reference: — Lin et al., "Small-molecule switches for zinc finger transcription factors," J. Am Chem. Soc. 125(3): 612-3 (2003)—.

please add the following reference: — Lund et al., "Promoter-targeted phage display selections with preassembled synthetic zinc finger libraries for endogenous gene regulation," J. Mol. Biol. 340(3): 599-613 (2004)—.

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Do not
enter.

please add the following reference: — Lund et al., "Zinc Finger Transcription Factors Designed for Bispecific Coregulation of ErbB2 and ErbB3 Receptors: Insights into ErbB Receptor Biology," Mol. Cell. Biol. 25(20): 9082-91 (2005)—.

Not
considered
by the examiner

please add the following reference: — Magnenat et al., "In vivo selection of combinatorial libraries and designed affinity maturation of polydactyl zinc finger transcription factors for ICAM-1 provides new insights into gene regulation," J. Mol. Biol. 341(3): 635-49 (2004)—.

please add the following reference: — Ordiz et al., "Regulation of transgene expression in plants with polydactyl zinc finger transcription factors," Proc. Natl. Acad. Sci. USA 99(20): 13290-5 (2002)—.

please add the following reference: — Segal et al., "Custom DNA-binding proteins come of age: polydactyl zinc-finger proteins," Curr. Opin. Biotechnol. 12(6): 632-7 (2001)—.

please add the following reference: — Segal et al., "Evaluation of a modular strategy for the construction of novel polydactyl zinc finger DNA-binding proteins," Biochemistry 42(7): 2137-2148 (2003)—.

please add the following reference: — Segal et al., "Attenuation of HIV-1 replication in primary human cells with a designed zinc finger transcription factor," J. Biol. Chem. 279(15): 14509-19 (2004)—.

please add the following reference: — Segal et al., "Zinc fingers and a green thumb: manipulating gene expression in plants," Curr. Opin. Plant Biol. 6(2): 163-8 (2003)—.

please add the following reference: — Stege et al., "Controlling gene expression in plants using synthetic zinc finger transcription factors," Plant J. 32(6): 1077-86 (2002)—.

please add the following reference: — Tan et al., "Fusion proteins consisting of human immunodeficiency virus type 1 integrase and the designed polydactyl zinc finger protein E2C direct integration of viral DNA into specific sites," J. Virol. 78(3): 1301-13 (2004)—.

please add the following reference: — Xu et al., "A versatile framework for the design of ligand-dependent, transgene-specific transcription factors," Mol. Ther. 3(2): 262-73 (2001)

—
in Rollins, et al., please replace "TFIIA" with — TFIIIA—.

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IN THE CLAIMS

Please replace claims 32, 34 and 35 with the following amended claims:

32. The vector of claim 31 that is selected from the group consisting of an adenoviral vector, [[and]] an adeno-associated viral vector, a herpes virus vector, a vaccinia virus vector and a lentiviral vector.

34. The vector of claim 33 that is selected from the group consisting of an adenoviral vector, [[and]] an adeno-associated viral vector, a herpes virus vector, a vaccinia virus vector and a lentiviral vector.

35. A combination, comprising:
a composition containing a fusion protein of claim 1; or
a ~~compositions~~ composition containing a nucleic acid molecule comprising a sequence of nucleotides that encodes the fusion protein; and
a composition containing a regulatable expression cassette that comprises at least one response element recognized by the nucleic acid binding domain of the fusion protein.

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